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<u>#17</u>	Search (particle or particulate or bead or granule or nanoparticle or microparticle or microparticulate) and ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") and (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution") and (stent or catheter or "medical device" or "drug delivery device" or "drug delivery" or "tissue engineering"))	11:49:58	<u>70</u>
<u>#15</u>	Search (particle or particulate or bead or granule or nanoparticle or microparticle or microparticulate) with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution") same (stent or catheter or "medical device" or "drug delivery device" or "drug delivery" or "tissue engineering"))	11:44:48	<u>2</u>
<u>#14</u>	Search chen and ("tissue engineering") and (particle or particulate or bead or granule or nanoparticle or microparticle or microparticulate)	11:43:32	<u>0</u>
<u>#12</u>	Search choi and ("tissue engineering") and (particle or particulate or bead or granule or nanoparticle or microparticle or microparticulate)	11:42:26	<u>5</u>
<u>#11</u>	Search choi and ("tissue engineering" or particle or particulate or bead or granule or nanoparticle or microparticle or microparticulate)	11:42:12	<u>321</u>
<u>#10</u>	Search lipski and ("tissue engineering" or particle or	11:37:56	<u>4</u>

particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate)		
#9 Search shastri pv	11:37:09	<u>2</u>
#7 Search "Shastri PV"[Author]	11:36:13	<u>2</u>
#6 Search shastri, pv	11:36:07	<u>0</u>
#4 Search "Ernst Schering Res Found Workshop"[Journal]	11:31:52	<u>338</u>
#2 Search shastri and ("tissue engineering" or particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate)	11:30:43	<u>11</u>
#1 Search shastri	11:29:44	<u>308</u>

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Jan 19 2006 04:31:52

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	756747	(particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (surface or coat or coating or layer or layered or substrate)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/21 15:21
L6	21867	L5 with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/21 15:21
L7	6011	L6 same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/21 15:21
L8	224	L7 and (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering" patch transdermal bandage topical)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/21 15:21
L9	224	L8 and (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/21 15:21

L10	160	I9 and (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 15:23
S1	28	("20020053557" "4243692 "4642207" "5128081" "54 86675" "5514349" "57327 04" "5814550" "5851507" " 5876683" "6205352" "620 7229" "6225198").PN.	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:00
S2	46921	(surface or functional or layer) same (metal or polymer or ceramic) same (nm or nanometer or micron or um or micrometer) same (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:49
S3	4202	(surface or functional or layer) same (metal or polymer or ceramic) same (nm or nanometer or micron or um or micrometer) same (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (device or stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:46

S4	4259	(surface or functional or layer) same (metal or polymer or ceramic) same (nm or nanometer or micron or um or micrometer) same (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (device or stent or catheter or "medical device" or "drug delivery")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:46
S5	1112	(surface or functional) with (layer or layers or layered or coat or coating or coated) same (metal or polymer or ceramic) same (nm or nanometer or micron or um or micrometer) same (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (device or stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:47
S6	644	(surface or functional layer or layers or layered or coat or coating or coated) near (metal or polymer or ceramic) same (nm or nanometer or micron or um or micrometer) same (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (device or stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:56

S7	544578	(surface or functional layer or layers or layered or coat or coating or coated) near (metal or polymer or ceramic)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:48
S8	35	(surface or functional layer or layers or layered or coat or coating or coated) near (metal or polymer or ceramic) with (nm or nanometer or micron or um or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (device or stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:52
S9	0	S8 and S1	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:49
S10	3	S2 and S1	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:49
S11	0	S3 and S1	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:49

S12	0	S4 and S1	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:49
S13	0	(surface or functional layer or layers or layered or coat or coating or coated) near (metal or polymer or ceramic) with (nm or nanometer or micron or um or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:51
S14	0	(surface or functional layer or layers or layered or coat or coating or coated) near (metal or polymer or ceramic) with (nm or nanometer or micron or um or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:51
S15	35	S8 and (device or stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:52

S16	3	S8 and (stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:52
S17	1577	("functional layer" or layer layered or coat or caoting or coated) with ("nm" or nanometer or micron or "um" or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (device or stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:34
S18	1504	("functional layer" or layer layered or coat or caoting or coated) with ("nm" or nanometer or micron or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (device or stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:59
S19	50	("functional layer" or layer layered or coat or caoting or coated) with (nanometer or micron or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (stent or catheter or "medical device" "drug delivery device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 17:58

S20	17	("functional layer" or layered or coat or coating or coated) with (nanometer or micron or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (stent or catheter or "medical device" "drug delivery device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:03
S21	0	S1 and S18	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:00
S22	13	("20020053557" "4243692 "4642207" "5128081" "54 86675" "5514349" "57327 04" "5814550" "5851507" " 5876683" "6205352" "620 7229" "6225198").PN.	US-PGP UB; USPAT; USOCR	OR	ON	2006/01/20 18:00
S23	21	("functional layer" or layer layered or coat or coating or coated) with (nanometer or micron or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") and (stent or catheter or "medical device" "drug delivery device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 10:45

S24	0	S23 and S1	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:05
S25	1	("2004/0039438").URPN.	USPAT	OR	OFF	2006/01/20 18:33
S26	0	alt.pn.	USPAT	OR	OFF	2006/01/20 18:33
S27	471	alt.in.	USPAT	OR	OFF	2006/01/20 18:33
S28	0	S27 and ("functional layer" or layer layered or coat or coating or coated) with ("nm" or nanometer or micron or "um" or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (device or stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:34
S29	19	S27 and (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (device or stent or catheter or "medical device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:34

S30	5	S29 and (nanometer or micron or micrometer) and (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) and (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") and (stent or catheter or "medical device" "drug delivery device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:38
S31	1	("functional layer" or layer layered or coat or coating or coated) with (nanometer or micron or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") and (stent or catheter or "medical device" "drug delivery device") same ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:48

S32	11	("functional layer" or layer layered or coat or coating or coated) with (nanometer or micron or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") and (stent or catheter or "medical device" "drug delivery device") and ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:50
S33	0	("functional layer" or layer layered or coat or coating or coated) with (nanometer or micron or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") same ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group")and (stent or catheter or "medical device" "drug delivery device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:48

S34	0	("functional layer" or layer layered or coat or coating or coated) with (nanometer or micron or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") same ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") and (stent or catheter or "medical device" "drug delivery device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:49
S35	0	("functional layer" or layer layered or coat or coating or coated) with (nanometer or micron or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") same ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") and (stent or catheter or "medical device" "drug delivery device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:49

S36	0	("functional layer" or layer layered or coat or coating or coated) same (nanometer or micron or micrometer) with (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") same ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") and (stent or catheter or "medical device" "drug delivery device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:49
S37	0	("functional layer" or layer layered or coat or coating or coated) same (nanometer or micron or micrometer) same (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") same ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") and (stent or catheter or "medical device" "drug delivery device")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:49

S38	834	("functional layer" or layer layered or coat or coating or coated) with (nanometer or micron or micrometer) and (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) and (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") and (stent or catheter or "medical device" "drug delivery device") and ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:50
S39	0	S1 and ("functional layer" or layer layered or coat or coating or coated) with (nanometer or micron or micrometer) and (particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) and (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") and (stent or catheter or "medical device" "drug delivery device") and ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/20 18:50

S40	157389	(particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 10:47
S41	8689	(particle or particulate or bead or nanoparticle or microparticle or nanoparticulate or microparticulate) adj (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 10:47
S42	305	(particle or particulate or bead or nanoparticle or microparticle or nanoparticulate or microparticulate) adj (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 15:23

S43	8983	(particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 10:50
S44	0	(particle or particulate or bead or nanoparticle or microparticle or nanoparticulate or microparticulate) adj (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group")same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution") same (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 10:51

S45	0	(particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (oxide or "ferric oxide" or "ferrous oxide" or "silicone oxide" or "aluminum oxide" or "titanium oxide" or "zirconium oxide") with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution") same (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 10:51
S46	19	(particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution") same (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 11:55

S47	2	(particle or particulate or bead or nanoparticle or microparticle or nanoparticulate or microparticulate) adj ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group")same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution") same (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 10:51
S48	13	("20020053557" "4243692" "4642207" "5128081" "5486675" "5514349" "5732704" "5814550" "5851507" "5876683" "6205352" "6207229" "6225198").PN.	US-PGP UB; USPAT; USOCR	OR	ON	2006/01/21 11:52
S49	0	S48 and (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 11:02
S50	12	S48 and (surface stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 11:02
S51	7	("3676189" "3754984" "4243692" "4448884" "4661407").PN. OR ("5814550").URPN.	US-PGP UB; USPAT; USOCR	OR	OFF	2006/01/21 11:53

S52	61	(particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution") same (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering" patch transdermal bandage topical)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 11:57
S53	2	(particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) adj("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution") same (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering" patch transdermal bandage topical)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:01

S54	225	(particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) same ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution") same (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering" patch transdermal bandage topical)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:11
S55	756747	(particle or particulate or bead or granule or nanoparticle or microparticle or nanoparticulate or microparticulate) with (surface or coat or coating or layer or layered or substrate)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:11

S56	16	S55 with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution") same (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering" patch transdermal bandage topical)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:12
S57	45	S55 same ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution") same (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering" patch transdermal bandage topical)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:14
S58	15325	S55 same ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:11

S59	6011	S55 with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:12
S60	4026	S55 with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") with (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:13
S61	1	S55 with ("functional layer") with ("SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group") with (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:13
S62	21867	S55 with ("functional layer" or "SH" or hydroxyl or carboxy or amino or sulfide or phosphorous or epoxy or "metal alkoxy group")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:13

S63	232475	S55 same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 15:21
S64	6011	S62 same (nanometer or micron or micrometer "um" or nm or size or "average diameter" or "mean particle size" or "particle size" or "particle distribution")	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:13
S65	16	S64 same (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering" patch transdermal bandage topical)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:14
S66	224	S64 and (stent or catheter or "medical device" "drug delivery device" "drug delivery" or "tissue engineering" patch transdermal bandage topical)	US-PGP UB; USPAT; USOCR; EPO; JPO; DERWEN T	OR	ON	2006/01/21 12:17